

**REINFORCEMENT STRUCTURES FOR  
MULTI-CELL FILTER CARTRIDGE**

**ABSTRACT**

Reinforcement structure for use with multi-cell filter cartridges comprising an elongated backbone having a first and second hook boss each at a respective end of the elongated backbone and one or more intermediate hook bosses positioned intermediate the end bosses along the elongated backbone. In addition a  
5 plurality of non hook bosses are spaced along the elongated backbone. The filter cartridge provided with a plurality of the described reinforcement structures equally spaced around the circumference of the filter cartridge is also disclosed as is a method for preventing distortion of a multi-cell filter cartridge under arduous operating conditions.